

## 3. FINDING THE ITEM IN THE HMIS

When using the HMIS, you should remember that the data in the system reflect only those data provided on products supplied to the Department of Defense. In other words, the HMIS contains data only on hazardous materials used by the Government. Keep in **mind** that the HMIS is a growing system. Just because an item is not listed in the system does not mean that it's not hazardous. If you suspect "a nonlisted item is hazardous, you should contact your focal point listed in Appendix A. If you do not have a focal point, you should contact the DLA at the address on page 2-2 under 'B. Nonactive participants."

## WHEN YOU KNOW THE STOCK NUMBER

To unlock information from the **HMIS**, you need the right key. In most cases, the 13-digit National Stock Number (NSN) is that key. For some items listed in the HMIS there are one or more letters in the stock number field. This is for items assigned a Local Stock Number (**LSN**) or an Activity Control Number (**ACN**). For example, 8010-00-N00-0928 is a LSN for an item entered into the HMIS by the Navy. (See Appendix B for definition of **LSN**.)


An NSN consists of two parts: the Federal Supply class (**FSC**) and the National Item Identification Number (**NIIN**). The first four digits of a stock number make up the FSC -- a supply cataloging code under which similar items are grouped. In the example used in the previous paragraph, 8010 is the FSC. The Federal Cataloging System's Cataloging Handbook H 2-1 (SB 708-21) defines Federal Supply Class 8010 as consisting of paints, dopes, varnishes, and related products. The last nine characters of the stock number make up the **NIIN**. The NIIN is the unique portion of the stock number assigned to an item. The NIIN is illustrated below:

8010	-	00-110-4498
FSC		NIIN

Suppose you need to identify any hazardous components in an item with an NSN of 6850-00-292-9780. Since the items in the HMIS are arranged according to the last nine characters of a stock number, ignore the first four digits. You will search the microfiche for the number 00-292-9780.

DOD 6050.5-LR U.S. GOVT USE ONLY BASIC	5910-00-198-9757 NOV 8444																																		
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First go to your cumulative update and look at the information line at the top of each microfiche. Locate the section containing the stock numbers. Those stock numbers refer to the first item on that microfiche sheet. Look through the cumulative update until you find the sheet that has the closest number to but less than 00-292-9780. That microfiche sheet may contain the



800	6050-5-L	8010-00-286-7744	AUG 84 24
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

800	6050-5-L	5950-00-295-7504	AUG 84 2 5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Find the correct microfiche sheet.

information you need. The lower right-hand corner of the microfiche sheet contains an index of all the numbers on the sheet. Place the microfiche sheet in the reader and refer to the index. You will see that 00-292-9780 is not listed. Therefore, it is not in the cumulative update and you must search the basic package for the information required.

5330-00-264-7048 . . . . .**A** 1 6810-00-264-8997 . . . . .A 5  
 5333-00-264-7061 . . . . .**B** 1 "6810-00-264-8997 . . . . .B 5  
 5330-00-264-7061 . . . . .**C** 1 6810-00-264-8997 . . . . .C 5  
 5910-00-264-7574 . . . . .**D** 1 6810-00-264-8999 . . . . .D 5

### Microfiche Index.

When repeating the above procedure with. the basic package, you will see that the item you are searching for -- NSN 6850-00-292-9780--contains 37 percent **xylene**. More than one entry for your stock number may exist. This is because there is a separate entry for each vendor who supplies the item to the Department of **Defense**. Since vendor formulations may vary, you should always look at all entries under a stock number to identify the entry in which you are interested.

Why not look in the basic package first? **True**, there are more items listed in the basic package. However, the cumulative update is more current. That means that if new information on **NSN** 6850-00-292-9780 was received after publication of the basic package in November, the listing would be changed and included in the next cumulative update. If, for example, the item's proper shipping name was changed, the listing would be corrected. The updated record for NSN 6850-00-292-9780 would then be in your cumulative update. If the NSN does not appear in the cumulative update, then the most current information on the item is in the basic package.

### WHEN YOU DON'T KNOW THE STOCK NUMBER

If you don't have the stock number (NSN/LSN) for an item, you may still be able to find it in the **HMIS**. The last microfiche sheets of both the basic package and the cumulative update contain the cross-reference index. If you have the item's part number, trade name, or other identifier used by the manufacturer (for example, the manufacturer's catalog number), refer to the part number cross-reference.

You **will** notice that each product in this cross-reference has four columns. If you find the item you are looking for, the second column will indicate the NSN (or **LSN**), the third column gives you the manufacturer's name, and the last column provides the Federal **Supply** code for Manufacturers (**FSCM**).



There are two other cross-references in the HMIS -- the **FSCM** " cross-reference (**FSCM XREF**) and the specification cross-reference (**SPEC XREF**).

<b>DOD 6050.5</b> <b>FSCM XREF</b>	<b>MAY 84 1</b>
<div><div></div><div></div></div>	
<b>DOD GOSO.5</b> <b>SPEC XREF</b>	<b>MAY 84 1</b>
<div><div></div><div></div></div>	

FSCM and specification cross-references.

The **FSCM XREF** is a four-column listing of NSNS, Manufacturers, and part numbers indexed according to the FSCM assigned to the manufacturer (column 1 ) .

GLO21-1	J1	FSCM CROSS-REFERENCE LIST	DATE 84122	PAGE ND 0462
FSCM	N S N	MANUFACTURERS	PART	NUMBER
99592	6750-00-151-5649	NRB- SINGER , INC.	RINSE ,	PHOTOGRAPHIC
99656	8030-00-117-8528	ADHESIVE ENGINEERING COMPANY	CONCESSIVE 1448	PART B
99687	5960-00-798-1374	RAYTHEON CO, EQUIPMENT DIV	2729-	1069PI
99696	5960-00-919-9872	GOODYEAR AEROSPACE CORP , ARI ZONA DIV	A25A305-026-	103
99696	6750-00-003-3369	GOODYEAR AEROSPACE CORPDRATION	PM 98	
99735	6820-00-001-41.92	MORTON CHEMICAL COMP. (MFGR) ;CHEM CDMM. (DISTR)	AUTOMATIC RED	8SF

Example of the FSCM cross-reference.

The **SPEC XREF** lists items in the HMIS according to the Government specification the items are manufactured to meet.

There are many items in the Government procurement system that do not have specifications. Many of these items are listed in the **SPEC XREF**. They are listed in the cross-reference before those items that do have a Government specification.

GLO21-1	L6	SPECIFICATION CROSS REFERENCE LIST	DATE 84122	PAGE NO 0320
SPECIFICATION	U S N	MANUFACTURERS	PART NUMBER	
	9999 -00-N00-0241	CARBOLINE COMPANY	CARBOMASTIC 16 NFP (NFG CODE 0184)	
	9999-00-N00-0440	HYSOL DIV. THE DEXTER CORP	AC-4361	
	9999-00-N00-0441	HYSOL DIV, THE DEXTER CORP	AC-4368	
	9999 -00-N00-0445		OAKITE DEFOAMANT	
	9999 -00-N00-0455	OAKITE PRODUCTS , INC	OAKITE DEFOAMANT	
	9999 -00-N00-0464	A-R PRODUCTS	541, COASULANT	
	9999 -00-N00-0481	FE INDUSTRIES	DAYPIASSC-1508	
	9999-00-N00.-0626	SUN PETROLEUM PRODUCTS COUPANY	CIRCOSOL 4240	
	9999-00 -N00-0720	DOW CHEMICAL U.S.A.	XFS 43091.00 EXPERIMENTAL IMBIBER	
			BEADS	
	9999-00-N00-0728	W. R. GRACE & CO	POLYCEL 1	
	9999-00-N00-0729	W. R. GRACE & CO	POLYCEL 1	
(CIC) A-A-1543	8520-00-270-0065	CONTINENTAL CHEM CORP	BORAX	
A-A-S	7930-00-281-4731	PAUL CO PRODUCTS INC.	DISNWSNING CAMP. HAND-CID A-A-5	
A-A-1376	7930-00-093-4909	CONTINENTAL CHEM CORP.	DETERGENT GENERAL PURPOSE	
A-A-19	6850-00-637-6742	BEANITE PRODUCTS . INC	A-A19A SCALE REMOVING COMPOUND	

Some items do not have specifications.

When attempting to locate an item by Federal specification number, search the alphabetical listing under both "Fed. Spec. " and "Federal Specification. " For example, an item manufactured to meet Federal Specification w-G-1690 may be listed alphabetically in the cross-reference as either "Fed. Spec. w-G-1690," or "Federal Specification w-G-1690," or w-G-1690.

GLO21-1	L6	SPECIFICATION CROSS REFERENCE LIST	DATE 84122	PAGE No 0353
SPECIFICATION	U S N	MANUFACTURERS	PART NUMBER	
w-G-001690	9130-00-148-7102	BOUGHT ACCORDING TO SPEC	W-G- 001690	
W-O-109	9130-00-221-0679	BOUGHT ACCORDING TO SPECIFICATION	W-G- 109, GASOLINE, UNLEADED	
W-G-109	9130-00-240-8209	BOUGHT ACCORDING TO SPECIFICATION	W-G- 1690, GASOLINE, AUTOMOTIVE, LEADED, UNLEADED	
w-o- 1690	9130-00-264-4539	BOUGHT ACCORDING TO SPECIFICATION	W-G- 1690, GASOLINE, AUTOMOTIVE , LEADED , UNLEADED	
W-G- 1690	9130-00-264-6215	BOUGHT ACCORDING TO SPECIFICATION	W-G- 1690 ,GASOLINE , AUTOMOTIVE , LEADED , UNLEADED	
W-G 1690	9130-00-264-6216	BOUGHT ACCORDING TO SPECIFICATION	W-G- 1690, GASOLINE, AUTOMOTIVE , I ,LEADED , UNLEADED	

"Fed. Spec. w-G-1690" in SPEC XREF.

A fourth cross-reference--sorted by manufacturer's name--became available with the February 1986 cumulative update of the microfiche. This cross-reference is a four-column alphabetized list of manufacturers and suppliers, FSCMs, part numbers, and stock numbers. Figure 3-1 is a sample of the format for this cross-reference.

MANUFACTURERS NAME	FSCM	PART NUMBER	NSN
HANOMAN INCORPORATED	96900	DPR 242	8040-00-NOO-0636
HANDY & HARMAN	73977	SIL-FDS(AWS-B CUP 5)	3439-00 -262-41S2
HANLON CHEM. CO., INC.	17351	VIBRA-CLEAN	8520-00-926-5065
HANLON CHEM. CO., INC.	17351	VIBRA-CLEAN	8520- 00-7 S2-21S3
HANLON CHEM. CO., INC.	17351	VIBRA-CLEAN	8520-00-965-2109
HANOVER PROCESSING COMPANY	3P444	HC-433 , w-L-800A	9150-00-276-2389
HARBISON-WALKER REFRACTORIES	13064	ANCHOR DASH MIX 24S CN	9350-00-574 -2S71

Figure 3-1. Sample format for the manufacturer's name cross-reference.

Entries into the four cross-references are also possible with or without spaces and dashes. For example, MIL SPEC MIL-E-9500 may be entered in any of three ways: MIL SPEC MIL-E-9500, MIL-E-9500, or MILE9500.

A potential problem exists between the letter "O" and the number "0." If, for example, you need to know the identity of part number OC-265 manufactured by J.T. Baker Chemical Company, you may need to use some imagination in using the cross-reference. The item may be listed either alphabetically beginning with the letter "O" or it may be listed numerically under the digit "0." Likewise, the dash may or may not be input. Thus, J.T. Baker Chemical Company's OC-265 may be listed in any one of six ways: alphabetically under OC-265, OC 265, or Oc265, or numerically under 0C-265, 0C 265, or 0C265.

#### WHEN AN ITEM IS NOT IN HMIS

You search HMIS and find your item of interest is not in HMIS. Can you assume that the item of interest is nonhazardous? No, you cannot. As was written earlier, the HMIS is a growing database. Some items in the supply system have not yet been entered into HMIS. Therefore, to be sure about the particular item you are searching for, check with your focal point (see Appendix A). Your focal point should be able to help you identify any hazards associated with the item in question or suggest other avenues you might explore in your search for information.